

#### Emergency Stop Operators, Twist-to-release (Trigger Action), Non-keyed (Complete Kit) ③⑤⑥

Contact Block(s) ①②	Plastic operator with plastic bezel			Metal operator with metal bezel		
	30mm Color Cap ③	40mm Color Cap ③	60mm Color Cap ③	30mm Color Cap ③	40mm Color Cap ③	60mm Color Cap ③
	Catalog Number	Catalog Number	Catalog Number	Catalog Number	Catalog Number	Catalog Number
Oper. Only	D7P-MT34	D7P-MT44	D7P-MT64	D7M-MT34	D7M-MT44	D7M-MT64
1NO	D7P-MT34PX10	D7P-MT44PX10	D7P-MT64PX10	D7M-MT34PX10	D7M-MT44PX10	D7M-MT64PX10
1NC	D7P-MT34PX01	D7P-MT44PX01	D7P-MT64PX01	D7M-MT34PX01	D7M-MT44PX01	D7M-MT64PX01
GCB ④	D7P-MT34PX01S	D7P-MT44PX01S	D7P-MT64PX01S	D7M-MT34PX01S	D7M-MT44PX01S	D7M-MT64PX01S
2NO	D7P-MT34PX20	D7P-MT44PX20	D7P-MT64PX20	D7M-MT34PX20	D7M-MT44PX20	D7M-MT64PX20
2NC	D7P-MT34PX02	D7P-MT44PX02	D7P-MT64PX02	D7M-MT34PX02	D7M-MT44PX02	D7M-MT64PX02
1NO/1NC	D7P-MT34PX11	D7P-MT44PX11	D7P-MT64PX11	D7M-MT34PX11	D7M-MT44PX11	D7M-MT64PX11
3NO	D7P-MT34PX30	D7P-MT44PX30	D7P-MT64PX30	D7M-MT34PX30	D7M-MT44PX30	D7M-MT64PX30
3NC	D7P-MT34PX03	D7P-MT44PX03	D7P-MT64PX03	D7M-MT34PX03	D7M-MT44PX03	D7M-MT64PX03
2NO/1NC	D7P-MT34PX21	D7P-MT44PX21	D7P-MT64PX21	D7M-MT34PX21	D7M-MT44PX21	D7M-MT64PX21
1NO/2NC	D7P-MT34PX12	D7P-MT44PX12	D7P-MT64PX12	D7M-MT34PX12	D7M-MT44PX12	D7M-MT64PX12



#### Complete Kit Ordering Instructions

D7P –	MT4	4	P	X10
<b>Oper. Construction</b>	<b>Operator Type</b>	<b>Color Cap ③</b>	<b>Mounting Latch</b>	<b>Contacts ①②④</b>
D7P - Plastic operator with plastic bezel (Type 4/4X/13, IP66)	MT3 - 2-position, 30mm diameter, twist-to-release	4 - Red	P - Plastic latch (D7P and D7M offered with plastic latch as standard)	X10 - 1NO X01 - 1NC → X20 - 2NO X02 - 2NC X11 - 1NO/1NC X30 - 3NO X03 - 3NC X21 - 2NO/1NC X12 - 1NO/2NC
D7M - Metal operator with metal bezel (Type 4/13, IP66)	MT4 - 2-position, 40mm diameter, twist-to-release MT6 - 2-position, 60mm diameter, twist-to-release		M - Metal latch	

→ Positive Opening per EN60947-5-1 (applies to all NC contact block styles)

#### “EMO” Emergency Stop Operator

40mm Emergency Stop metal and plastic operators are available with a special “EMO” inscription. To order:

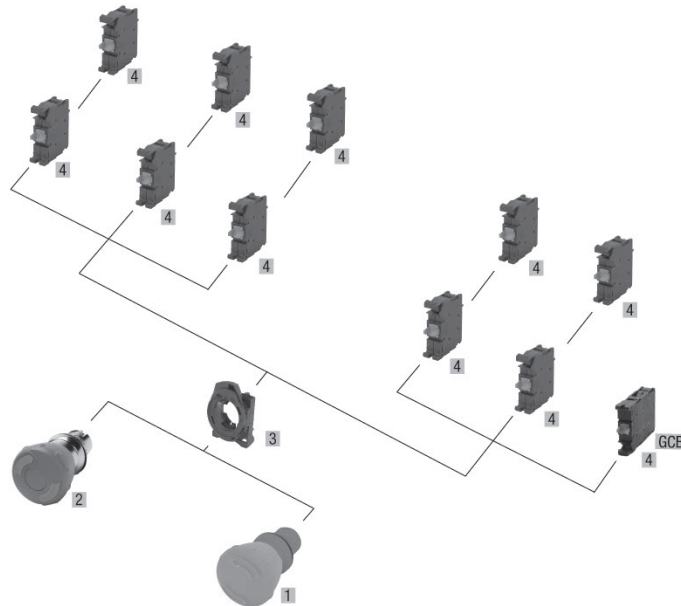
- Select 40mm kit of choice
- Add suffix “E” to catalog number  
Ex.: Change D7P-MT44PX01 to D7P-MT44EPX01



Semicon compliant yellow plastic guards available, see page H72

- Up to 6 contact blocks (3 across / 2 high) can be attached.
- See page H74 for complete kit ordering information on other special contact blocks: Early make, late break, low voltage contact blocks.
- Order inscription ring or legend plate for identification. See pages H68 and H73 for information.
- When ordering E-Stop Complete Kits with Guardian Contact Blocks, additional NO and NC contact blocks should be ordered as components from the opposite page.
- Operators are EN-ISO13850 compliant with standard NC, NCLB or Guardian contact blocks.
- Operators, latch, and contact block combinations have been third-party tested for B10d values. B10d values can be found in approval document EL660\_01\_10 online at [www.sprecherschuh.com](http://www.sprecherschuh.com).

**Emergency Stop Operators, Twist-to-release (Trigger Action), Non-keyed (Components) ❶**



Component	Catalog Number	Pkg. Qty.
01 Plastic operator with plastic bezel, 30mm Red, Twist-to-release ❶ Plastic operator with plastic bezel, 40mm Red Twist-to-release ❶ ❸ Plastic operator with plastic bezel, 60mm Red, Twist-to-release ❶	D7P-MT34	1
	D7P-MT44	
	D7P-MT64	
02 Metal operator with shiny metal bezel, 30mm Red, Twist-to-release ❶ Metal operator with shiny metal bezel, 40mm Red, Twist-to-release ❶ ❸ Metal operator with shiny metal bezel, 60mm Red, Twist-to-release ❶	D7M-MT34	1
	D7M-MT44	
	D7M-MT64	
03 Tool-less Mounting Latch (for snap-on contact blocks and power modules) Plastic Latch Metal Latch	D7-ALP	10
	D7-ALM	
04 Contact blocks ❷ NO NC NO, early make NC, late break  NO, low voltage NC, low voltage  GCB, Guardian Block	D7-X10	10
	D7-X01 ⇨	
	D7-X10E	
	D7-X01L ⇨	
	D7-X10V	
D7-X01V ⇨		
D7-X01S ⇨		

⇨ Positive Opening per EN60947-5-1 (applies to all NC contact block styles)

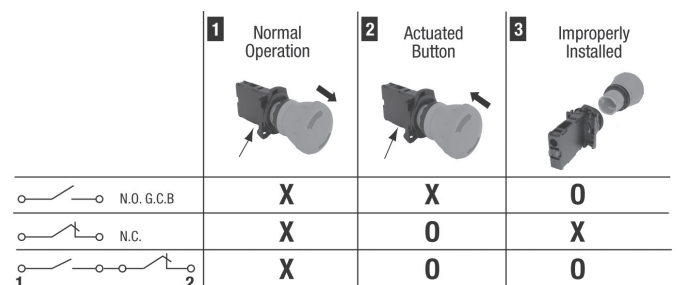
**E-Stop Guardian™ Contact Blocks (D7-X01S)**

Separation of the contact blocks from the front operator or mounting latch can prevent an E-Stop from shutting down the controlled process in an emergency. Proper contact block installation is critical to ensure that the normally closed contacts will open when the E-Stop is actuated.

Designed for critical control applications, Sprecher + Schuh's new Guardian Contact Block (GCB) monitors itself to assure it is properly installed on E-Stop operators.

A normally open Guardian contact is physically molded and wired in series with a standard set of normally closed (NC) contacts. The normally open Guardian contacts automatically close when the contact block is properly installed on the E-Stop operator ❶. In this state, the E-Stop and NC contacts operate as usual, with actuation of the E-Stop causing the NC contacts to open ❷.

If the contact block should separate from the E-Stop operator, the normally open Guardian contacts will automatically open ❸. Because the Guardian contacts are wired in series with the NC contacts, the opening of either set of contacts will open the circuit being controlled by the E-Stop.



- ❶ Not available with inscriptions. Order inscription ring or legend plate for identification. See pages H68 and H73 for information.
- ❷ Up to 6 contact blocks (3 across / 2 high) can be attached. Up to 4 contact blocks for the Guardian block.
- ❸ For special "EMO" inscription, add suffix "E" to catalog number. For example change D7P-MT44 to D7P-MT44E.